

Luminaire

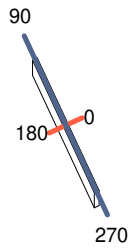
Code 90884L015
Name REBA 50 LITE LINE L1500 BLINE 830 B

Measurement

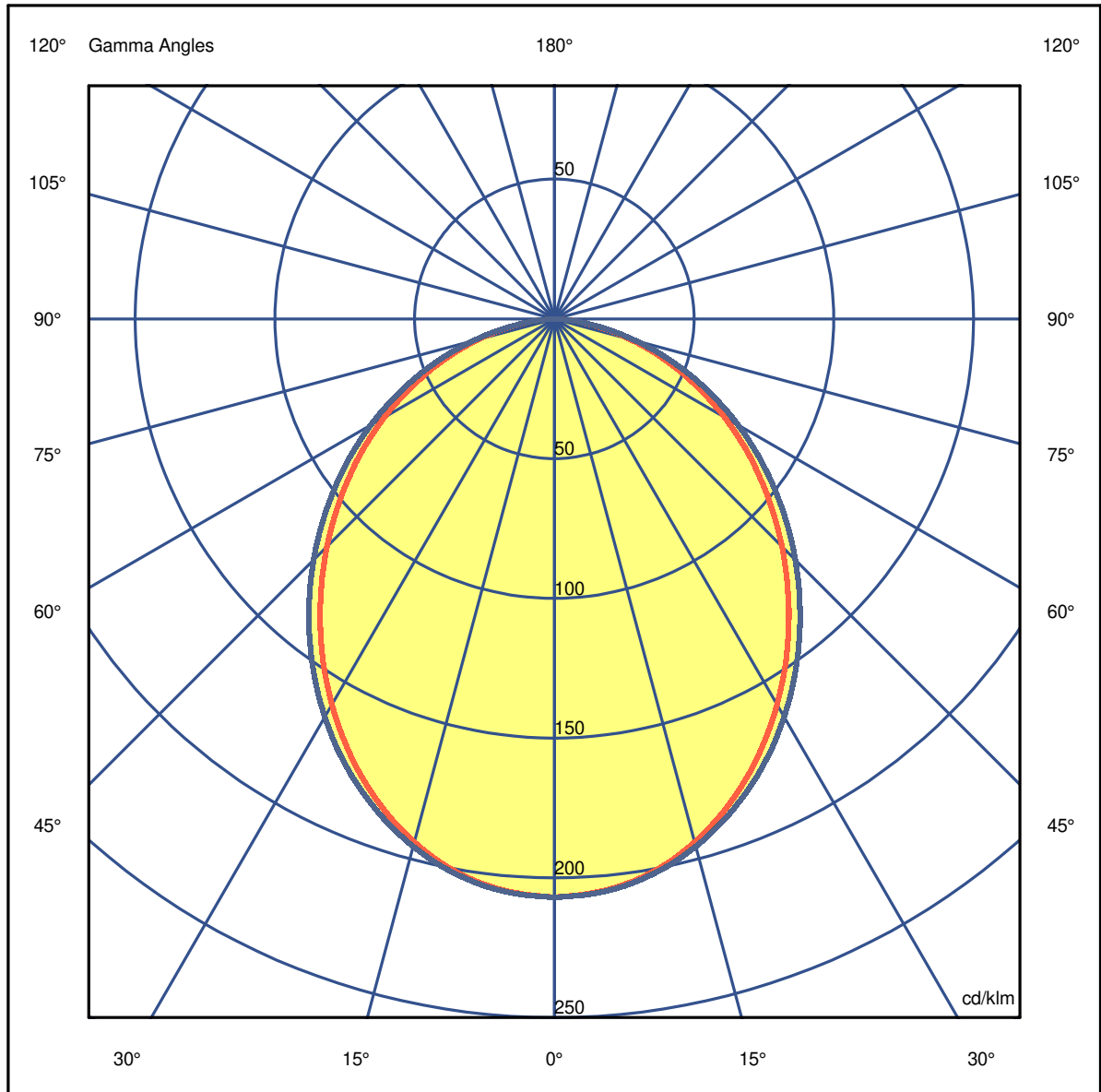
Code 27/6/2024
Name REBA 50 LITE LINE L1500 BLINE 830 B

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2365 lm | Luminaire Power | 27.7 W | Efficacy | 85.268 lm/W | Efficiency | 51.42% |
| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1402mm x 51mm



C Halfplanes



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Measurem.

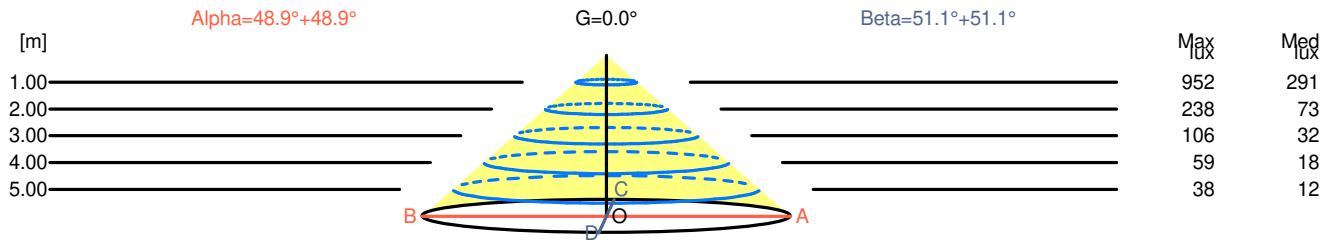
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2365 lm | Luminaire Power | 27.7 W | Efficacy | 85.268 lm/W | Efficiency | 51.42% |
| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 1.14 | 2.29 | 3.43 | 4.58 | 5.72 | OC | 1.24 | 2.47 | 3.71 | 4.95 | 6.19 |
| OB | 1.14 | 2.29 | 3.43 | 4.58 | 5.72 | OD | 1.24 | 2.47 | 3.71 | 4.95 | 6.19 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 951.74 | 944.38 | 891.48 | 793.50 | 667.46 | 529.46 | 391.46 | 255.30 | 128.80 | 27.60 |
| OB | 951.74 | 944.38 | 891.48 | 793.50 | 667.46 | 529.46 | 391.46 | 255.30 | 128.80 | 27.60 |
| OC | 951.74 | 945.76 | 898.84 | 811.90 | 694.60 | 560.74 | 419.98 | 277.38 | 138.92 | 27.14 |
| OD | 951.74 | 945.76 | 898.84 | 811.90 | 694.60 | 560.74 | 419.98 | 277.38 | 138.92 | 27.14 |



| H[m] | D[m] | Max lux | Med lux | Alpha=48.9°+48.9° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.29 | 952 | 291 | | | |
| 2.00 | 4.58 | 238 | 73 | | | |
| 3.00 | 6.87 | 106 | 32 | | | |
| 4.00 | 9.16 | 59 | 18 | | | |
| 5.00 | 11.44 | 38 | 12 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=51.1°+51.1° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.47 | 952 | 291 | | | |
| 2.00 | 4.95 | 238 | 73 | | | |
| 3.00 | 7.42 | 106 | 32 | | | |
| 4.00 | 9.90 | 59 | 18 | | | |
| 5.00 | 12.37 | 38 | 12 | | | |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2365 lm | Luminaire Power | 27.7 W | Efficacy | 85.268 lm/W | Efficiency | 51.42% |
| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 17.2 | 18.5 | 17.5 | 18.7 | 19.0 | 19.4 | 20.7 | 19.7 | 20.9 | 21.2 |
| x=2H y=3H | 18.1 | 19.2 | 18.4 | 19.5 | 19.8 | 20.8 | 21.9 | 21.1 | 22.2 | 22.5 |
| x=2H y=4H | 18.4 | 19.5 | 18.7 | 19.7 | 20.0 | 21.3 | 22.4 | 21.6 | 22.6 | 22.9 |
| x=2H y=6H | 18.5 | 19.5 | 18.8 | 19.8 | 20.1 | 21.6 | 22.6 | 22.0 | 22.9 | 23.2 |
| x=2H y=8H | 18.5 | 19.5 | 18.9 | 19.8 | 20.1 | 21.7 | 22.6 | 22.0 | 23.0 | 23.3 |
| x=2H y=12H | 18.5 | 19.4 | 18.9 | 19.7 | 20.1 | 21.7 | 22.6 | 22.1 | 22.9 | 23.3 |
| x=4H y=2H | 17.8 | 18.9 | 18.2 | 19.2 | 19.5 | 19.7 | 20.8 | 20.0 | 21.0 | 21.3 |
| x=4H y=3H | 18.9 | 19.8 | 19.2 | 20.1 | 20.5 | 21.2 | 22.1 | 21.5 | 22.4 | 22.8 |
| x=4H y=4H | 19.2 | 20.1 | 19.6 | 20.4 | 20.8 | 21.8 | 22.6 | 22.1 | 22.9 | 23.3 |
| x=4H y=6H | 19.4 | 20.1 | 19.8 | 20.5 | 20.9 | 22.1 | 22.8 | 22.5 | 23.2 | 23.6 |
| x=4H y=8H | 19.4 | 20.1 | 19.9 | 20.5 | 20.9 | 22.2 | 22.9 | 22.7 | 23.3 | 23.7 |
| x=4H y=12H | 19.4 | 20.0 | 19.9 | 20.4 | 20.9 | 22.3 | 22.9 | 22.7 | 23.3 | 23.7 |
| x=8H y=4H | 19.4 | 20.1 | 19.8 | 20.5 | 20.9 | 21.8 | 22.5 | 22.2 | 22.8 | 23.2 |
| x=8H y=6H | 19.7 | 20.2 | 20.1 | 20.6 | 21.1 | 22.2 | 22.7 | 22.7 | 23.2 | 23.6 |
| x=8H y=8H | 19.7 | 20.2 | 20.2 | 20.7 | 21.1 | 22.4 | 22.8 | 22.8 | 23.3 | 23.7 |
| x=8H y=12H | 19.7 | 20.2 | 20.2 | 20.6 | 21.1 | 22.4 | 22.8 | 22.9 | 23.3 | 23.8 |
| x=12H y=4H | 19.4 | 20.0 | 19.9 | 20.4 | 20.8 | 21.7 | 22.3 | 22.2 | 22.8 | 23.2 |
| x=12H y=6H | 19.7 | 20.2 | 20.2 | 20.6 | 21.1 | 22.2 | 22.7 | 22.7 | 23.1 | 23.6 |
| x=12H y=8H | 19.8 | 20.2 | 20.2 | 20.6 | 21.1 | 22.3 | 22.8 | 22.8 | 23.2 | 23.7 |

Luminaire

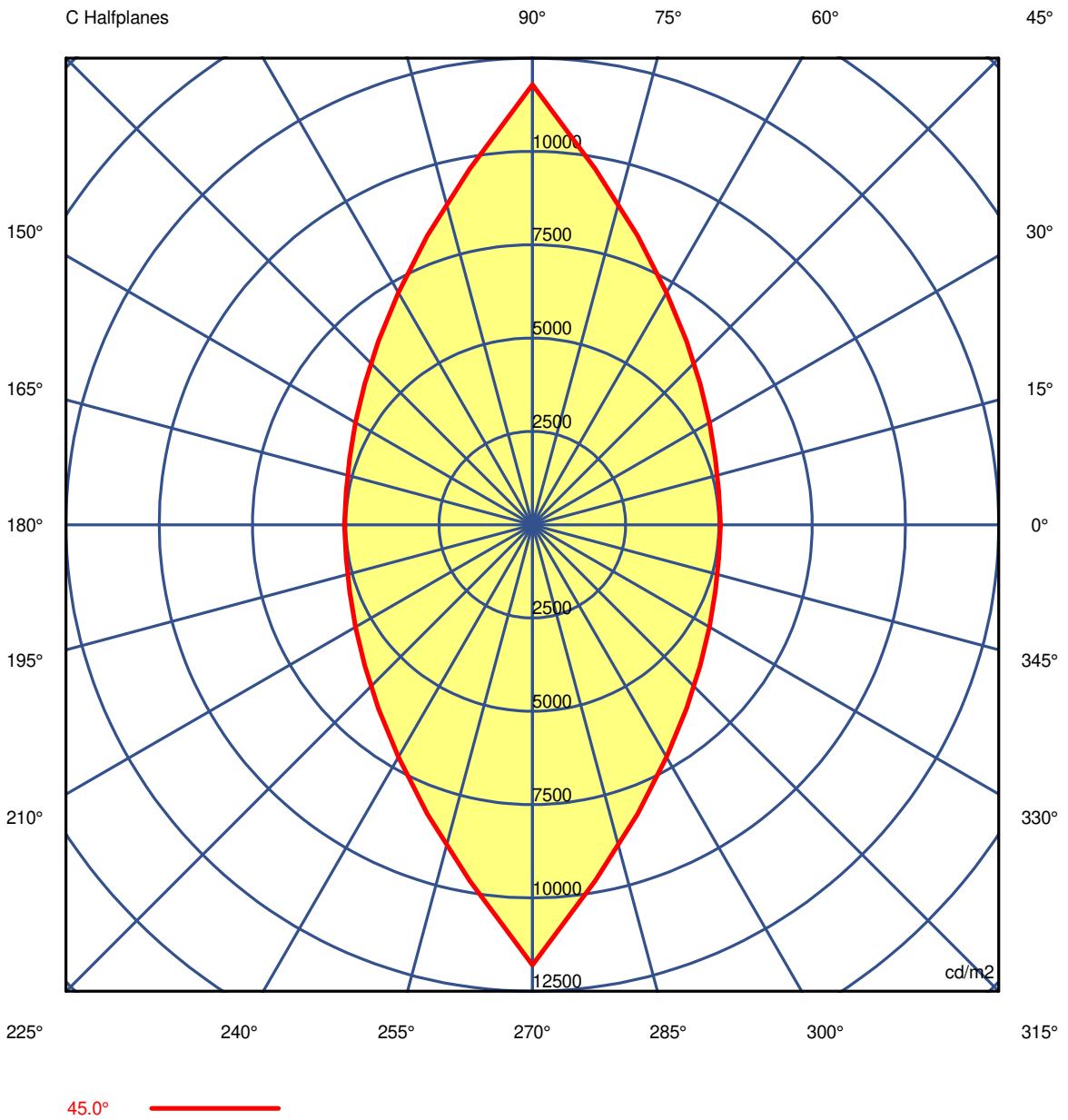
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| Luminaire Flux | 2365 lm | Luminaire Power | 27.7 W | Efficacy | 85.268 lm/W | Efficiency | 51.42% |
| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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Measurement

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
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| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 1/3

| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| G 0.0 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 |
| G 5.0 | 13194 | 13216 | 13273 | 13368 | 13501 | 13674 | 13884 | 14120 | 14383 | 14666 | 14383 | 14120 | 13884 |
| G 10.0 | 11836 | 11861 | 11954 | 12114 | 12341 | 12644 | 13019 | 13454 | 13950 | 14506 | 13950 | 13454 | 13019 |
| G 15.0 | 10604 | 10633 | 10751 | 10960 | 11261 | 11661 | 12161 | 12756 | 13455 | 14265 | 13455 | 12756 | 12161 |
| G 20.0 | 9476 | 9514 | 9651 | 9891 | 10242 | 10710 | 11305 | 12039 | 12916 | 13961 | 12916 | 12039 | 11305 |
| G 25.0 | 8441 | 8479 | 8627 | 8891 | 9270 | 9785 | 10453 | 11292 | 12332 | 13619 | 12332 | 11292 | 10453 |
| G 30.0 | 7484 | 7521 | 7672 | 7946 | 8352 | 8903 | 9621 | 10540 | 11710 | 13214 | 11710 | 10540 | 9621 |
| G 35.0 | 6603 | 6647 | 6798 | 7068 | 7474 | 8041 | 8798 | 9780 | 11061 | 12766 | 11061 | 9780 | 8798 |
| G 40.0 | 5788 | 5826 | 5973 | 6243 | 6648 | 7214 | 7982 | 9012 | 10382 | 12287 | 10382 | 9012 | 7982 |
| G 45.0 | 5038 | 5074 | 5215 | 5477 | 5872 | 6427 | 7190 | 8238 | 9682 | 11792 | 9682 | 8238 | 7190 |
| G 50.0 | 4344 | 4378 | 4508 | 4749 | 5119 | 5655 | 6409 | 7460 | 8957 | 11265 | 8957 | 7460 | 6409 |
| G 55.0 | 3697 | 3727 | 3839 | 4055 | 4407 | 4918 | 5634 | 6658 | 8193 | 10700 | 8193 | 6658 | 5634 |
| G 60.0 | 3073 | 3099 | 3203 | 3407 | 3717 | 4177 | 4851 | 5836 | 7374 | 10080 | 7374 | 5836 | 4851 |
| G 65.0 | 2467 | 2494 | 2589 | 2764 | 3032 | 3432 | 4032 | 4953 | 6450 | 9322 | 6450 | 4953 | 4032 |
| G 70.0 | 1884 | 1902 | 1977 | 2119 | 2341 | 2675 | 3185 | 3992 | 5400 | 8416 | 5400 | 3992 | 3185 |
| G 75.0 | 1315 | 1327 | 1382 | 1488 | 1655 | 1904 | 2291 | 2944 | 4156 | 7176 | 4156 | 2944 | 2291 |
| G 80.0 | 773 | 782 | 816 | 879 | 977 | 1134 | 1389 | 1825 | 2715 | 5487 | 2715 | 1825 | 1389 |
| G 85.0 | 309 | 311 | 324 | 347 | 386 | 450 | 562 | 764 | 1216 | 3242 | 1216 | 764 | 562 |
| G 90.0 | 38 | 39 | 40 | 43 | 49 | 60 | 83 | 117 | 212 | 1333 | 212 | 117 | 83 |

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| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 2/3

| | C 130.00 | C 140.00 | C 150.00 | C 160.00 | C 170.00 | C 180.00 | C 190.00 | C 200.00 | C 210.00 | C 220.00 | C 230.00 | C 240.00 | C 250.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 |
| G 5.0 | 13674 | 13501 | 13368 | 13273 | 13216 | 13194 | 13216 | 13273 | 13368 | 13501 | 13674 | 13884 | 14120 |
| G 10.0 | 12644 | 12341 | 12114 | 11954 | 11861 | 11836 | 11861 | 11954 | 12114 | 12341 | 12644 | 13019 | 13454 |
| G 15.0 | 11661 | 11261 | 10960 | 10751 | 10633 | 10604 | 10633 | 10751 | 10960 | 11261 | 11661 | 12161 | 12756 |
| G 20.0 | 10710 | 10242 | 9891 | 9651 | 9514 | 9476 | 9514 | 9651 | 9891 | 10242 | 10710 | 11305 | 12039 |
| G 25.0 | 9785 | 9270 | 8891 | 8627 | 8479 | 8441 | 8479 | 8627 | 8891 | 9270 | 9785 | 10453 | 11292 |
| G 30.0 | 8903 | 8352 | 7946 | 7672 | 7521 | 7484 | 7521 | 7672 | 7946 | 8352 | 8903 | 9621 | 10540 |
| G 35.0 | 8041 | 7474 | 7068 | 6798 | 6647 | 6603 | 6647 | 6798 | 7068 | 7474 | 8041 | 8798 | 9780 |
| G 40.0 | 7214 | 6648 | 6243 | 5973 | 5826 | 5788 | 5826 | 5973 | 6243 | 6648 | 7214 | 7982 | 9012 |
| G 45.0 | 6427 | 5872 | 5477 | 5215 | 5074 | 5038 | 5074 | 5215 | 5477 | 5872 | 6427 | 7190 | 8238 |
| G 50.0 | 5655 | 5119 | 4749 | 4508 | 4378 | 4344 | 4378 | 4508 | 4749 | 5119 | 5655 | 6409 | 7460 |
| G 55.0 | 4918 | 4407 | 4055 | 3839 | 3727 | 3697 | 3727 | 3839 | 4055 | 4407 | 4918 | 5634 | 6658 |
| G 60.0 | 4177 | 3717 | 3407 | 3203 | 3099 | 3073 | 3099 | 3203 | 3407 | 3717 | 4177 | 4851 | 5836 |
| G 65.0 | 3432 | 3032 | 2764 | 2589 | 2494 | 2467 | 2494 | 2589 | 2764 | 3032 | 3432 | 4032 | 4953 |
| G 70.0 | 2675 | 2341 | 2119 | 1977 | 1902 | 1884 | 1902 | 1977 | 2119 | 2341 | 2675 | 3185 | 3992 |
| G 75.0 | 1904 | 1655 | 1488 | 1382 | 1327 | 1315 | 1327 | 1382 | 1488 | 1655 | 1904 | 2291 | 2944 |
| G 80.0 | 1134 | 977 | 879 | 816 | 782 | 773 | 782 | 816 | 879 | 977 | 1134 | 1389 | 1825 |
| G 85.0 | 450 | 386 | 347 | 324 | 311 | 309 | 311 | 324 | 347 | 386 | 450 | 562 | 764 |
| G 90.0 | 60 | 49 | 43 | 40 | 39 | 38 | 39 | 40 | 43 | 49 | 60 | 83 | 117 |

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| Luminaire Flux | 2365 lm | Luminaire Power | 27.7 W | Efficacy | 85.268 lm/W | Efficiency | 51.42% |
| Source Flux | 4600 lm | Maximum value | 206.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 3/3

| | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 | 14757 |
| G 5.0 | 14383 | 14666 | 14383 | 14120 | 13884 | 13674 | 13501 | 13368 | 13273 | 13216 |
| G 10.0 | 13950 | 14506 | 13950 | 13454 | 13019 | 12644 | 12341 | 12114 | 11954 | 11861 |
| G 15.0 | 13455 | 14265 | 13455 | 12756 | 12161 | 11661 | 11261 | 10960 | 10751 | 10633 |
| G 20.0 | 12916 | 13961 | 12916 | 12039 | 11305 | 10710 | 10242 | 9891 | 9651 | 9514 |
| G 25.0 | 12332 | 13619 | 12332 | 11292 | 10453 | 9785 | 9270 | 8891 | 8627 | 8479 |
| G 30.0 | 11710 | 13214 | 11710 | 10540 | 9621 | 8903 | 8352 | 7946 | 7672 | 7521 |
| G 35.0 | 11061 | 12766 | 11061 | 9780 | 8798 | 8041 | 7474 | 7068 | 6798 | 6647 |
| G 40.0 | 10382 | 12287 | 10382 | 9012 | 7982 | 7214 | 6648 | 6243 | 5973 | 5826 |
| G 45.0 | 9682 | 11792 | 9682 | 8238 | 7190 | 6427 | 5872 | 5477 | 5215 | 5074 |
| G 50.0 | 8957 | 11265 | 8957 | 7460 | 6409 | 5655 | 5119 | 4749 | 4508 | 4378 |
| G 55.0 | 8193 | 10700 | 8193 | 6658 | 5634 | 4918 | 4407 | 4055 | 3839 | 3727 |
| G 60.0 | 7374 | 10080 | 7374 | 5836 | 4851 | 4177 | 3717 | 3407 | 3203 | 3099 |
| G 65.0 | 6450 | 9322 | 6450 | 4953 | 4032 | 3432 | 3032 | 2764 | 2589 | 2494 |
| G 70.0 | 5400 | 8416 | 5400 | 3992 | 3185 | 2675 | 2341 | 2119 | 1977 | 1902 |
| G 75.0 | 4156 | 7176 | 4156 | 2944 | 2291 | 1904 | 1655 | 1488 | 1382 | 1327 |
| G 80.0 | 2715 | 5487 | 2715 | 1825 | 1389 | 1134 | 977 | 879 | 816 | 782 |
| G 85.0 | 1216 | 3242 | 1216 | 764 | 562 | 450 | 386 | 347 | 324 | 311 |
| G 90.0 | 212 | 1333 | 212 | 117 | 83 | 60 | 49 | 43 | 40 | 39 |